

Figure 1A

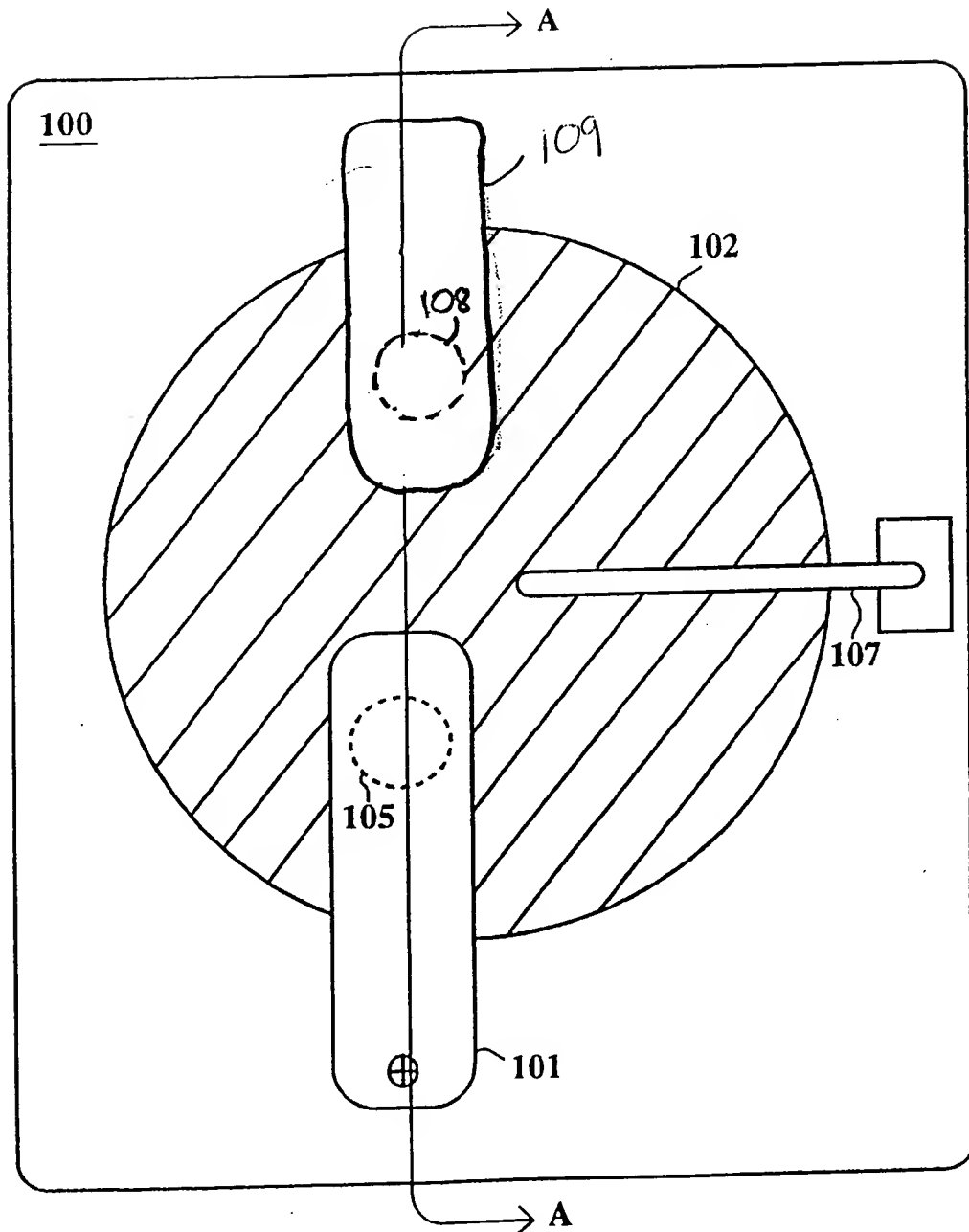
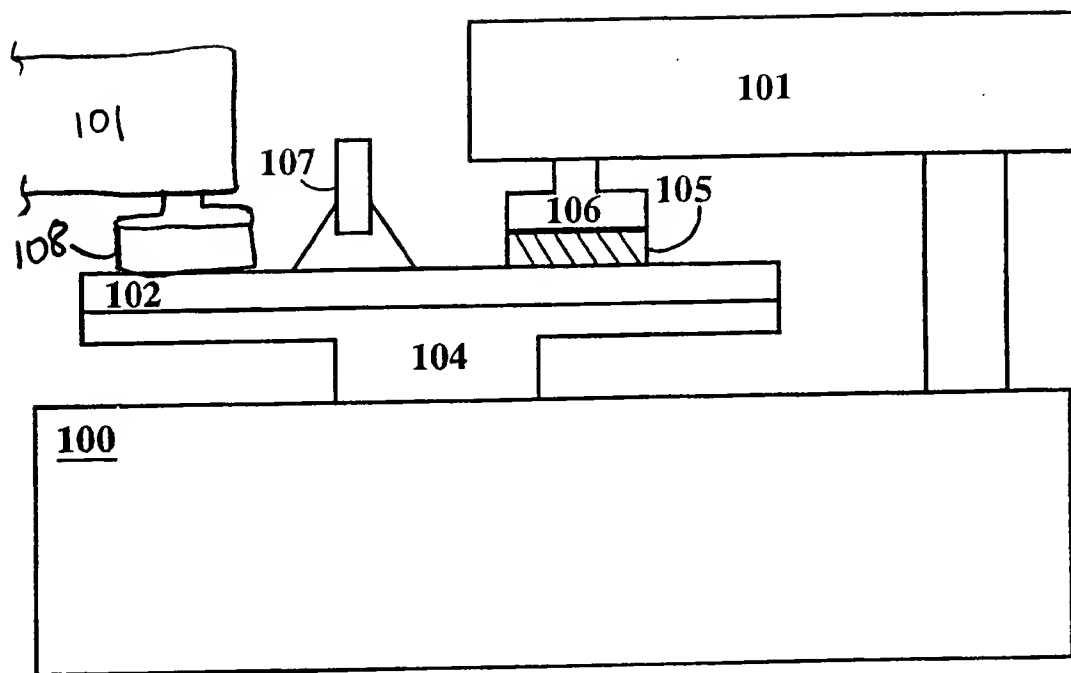


Figure 1B



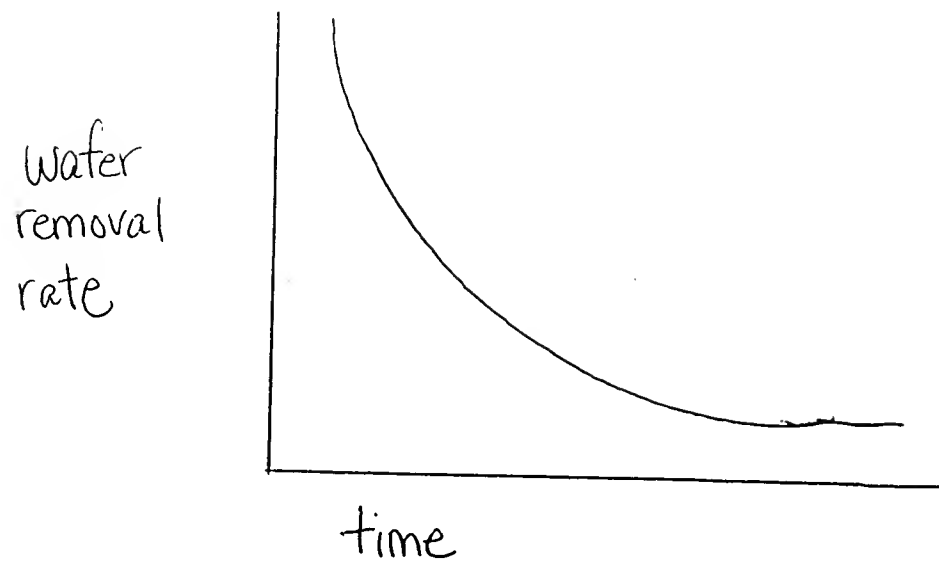


Figure 2

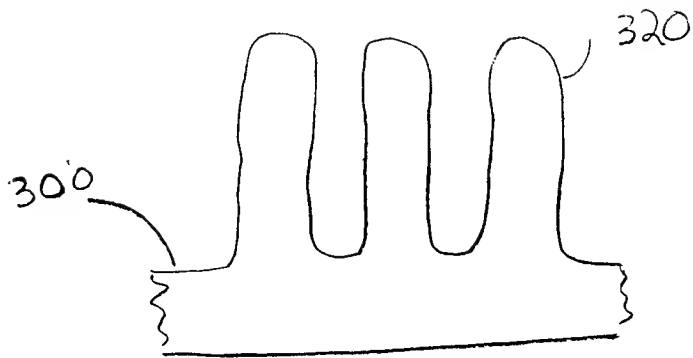


Figure 3A

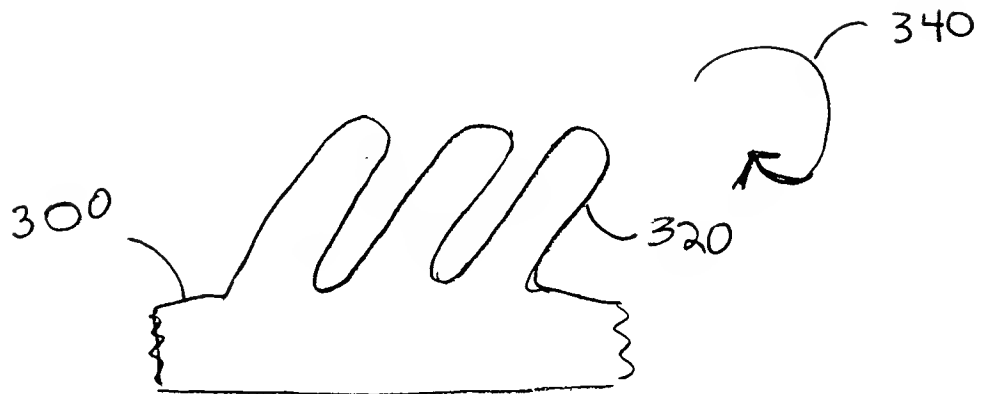


Figure 3B



Figure 3C

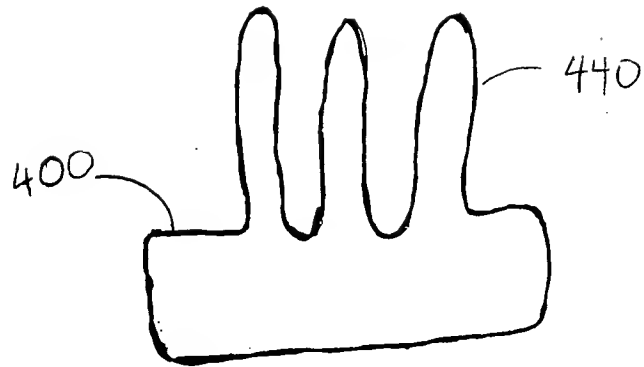


Figure 4A

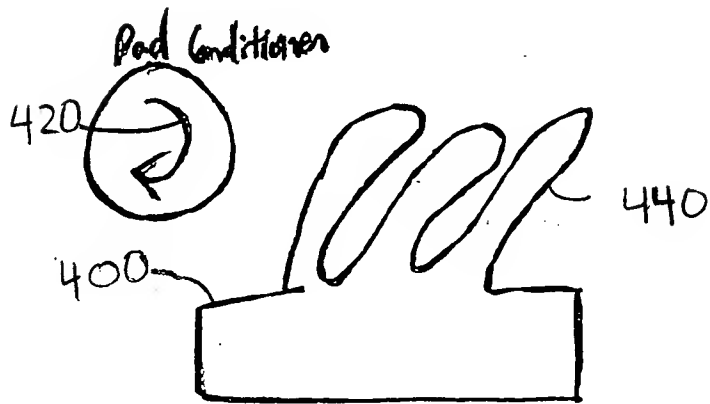


Figure 4B

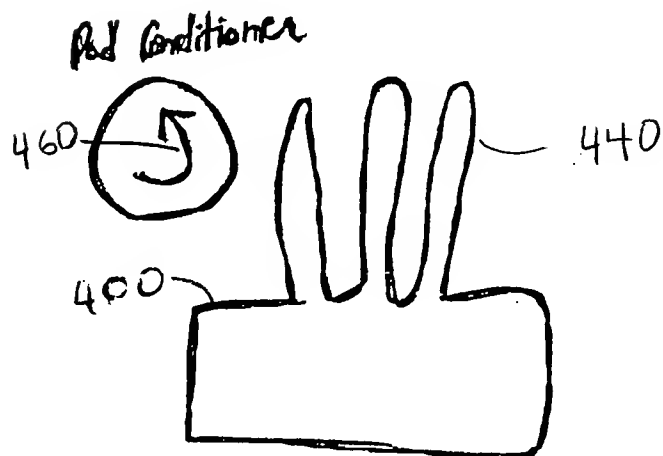


Figure 4C

Downloaded from www.ascelibrary.org

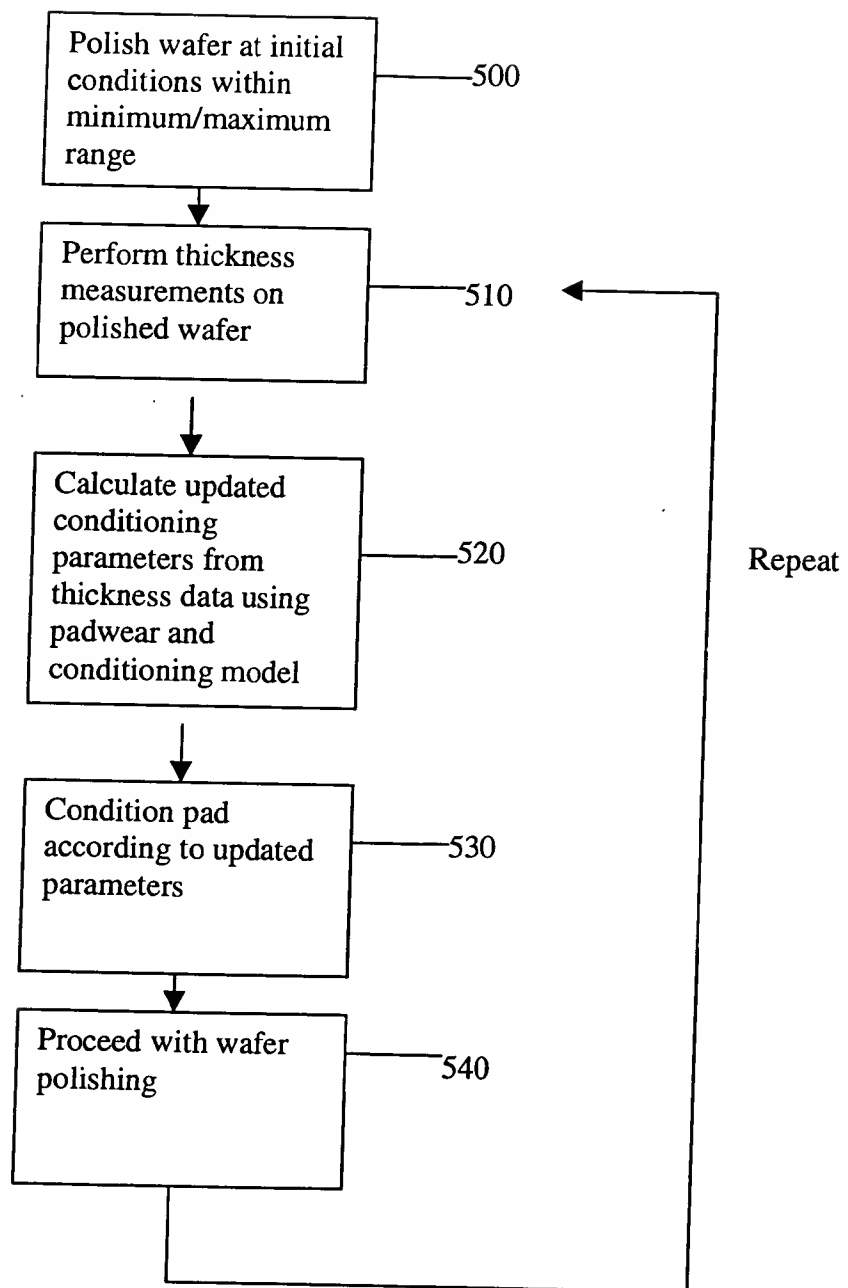


Figure 5

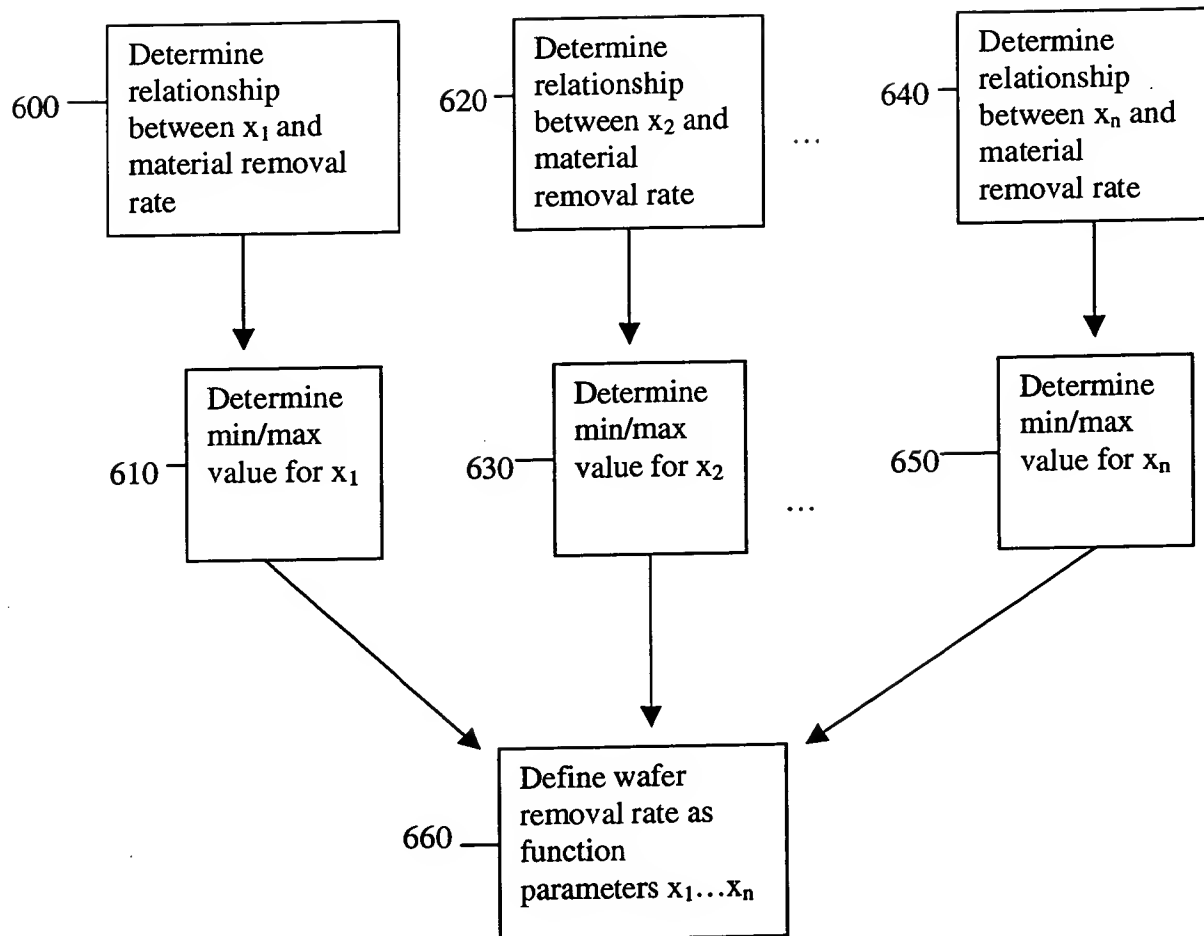


Figure 6

770 760 750 740 730 720 710 700 690 680 670 660 650 640 630 620 610 600 590 580 570 560 550 540 530 520 510 500 490 480 470 460 450 440 430 420 410 400 390 380 370 360 350 340 330 320 310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0

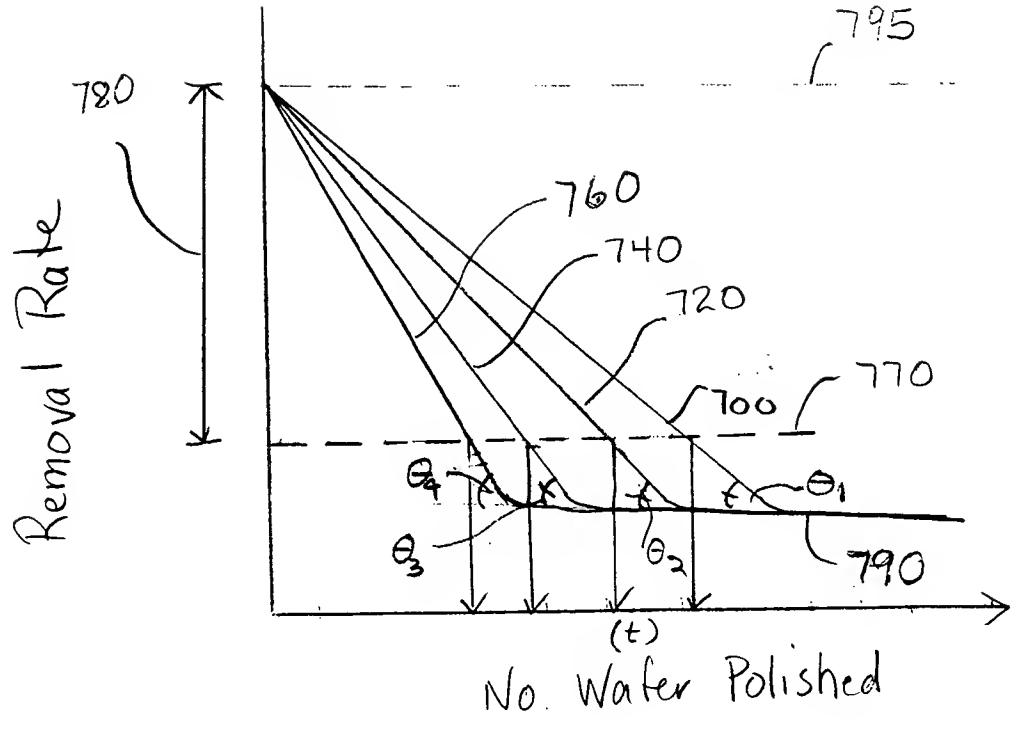


Figure 7

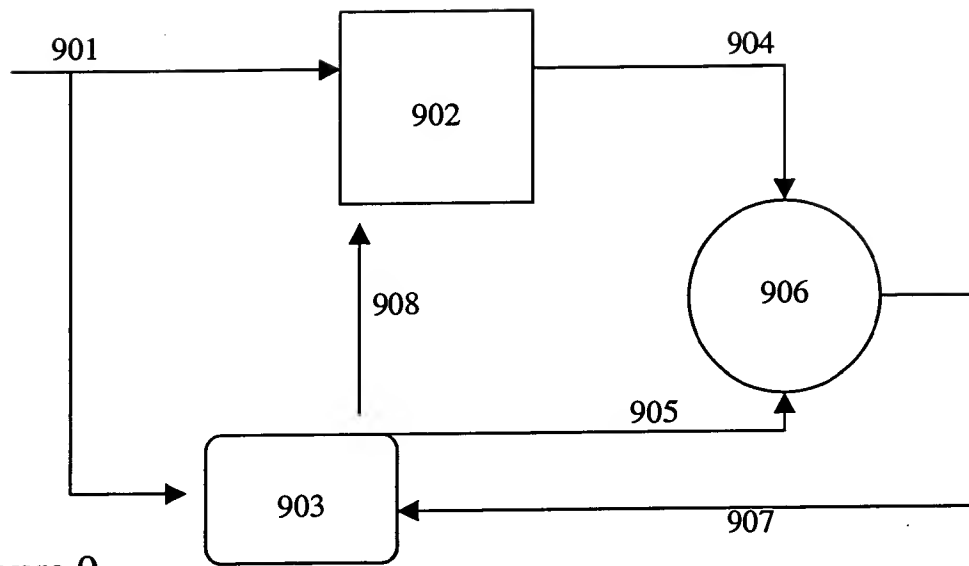
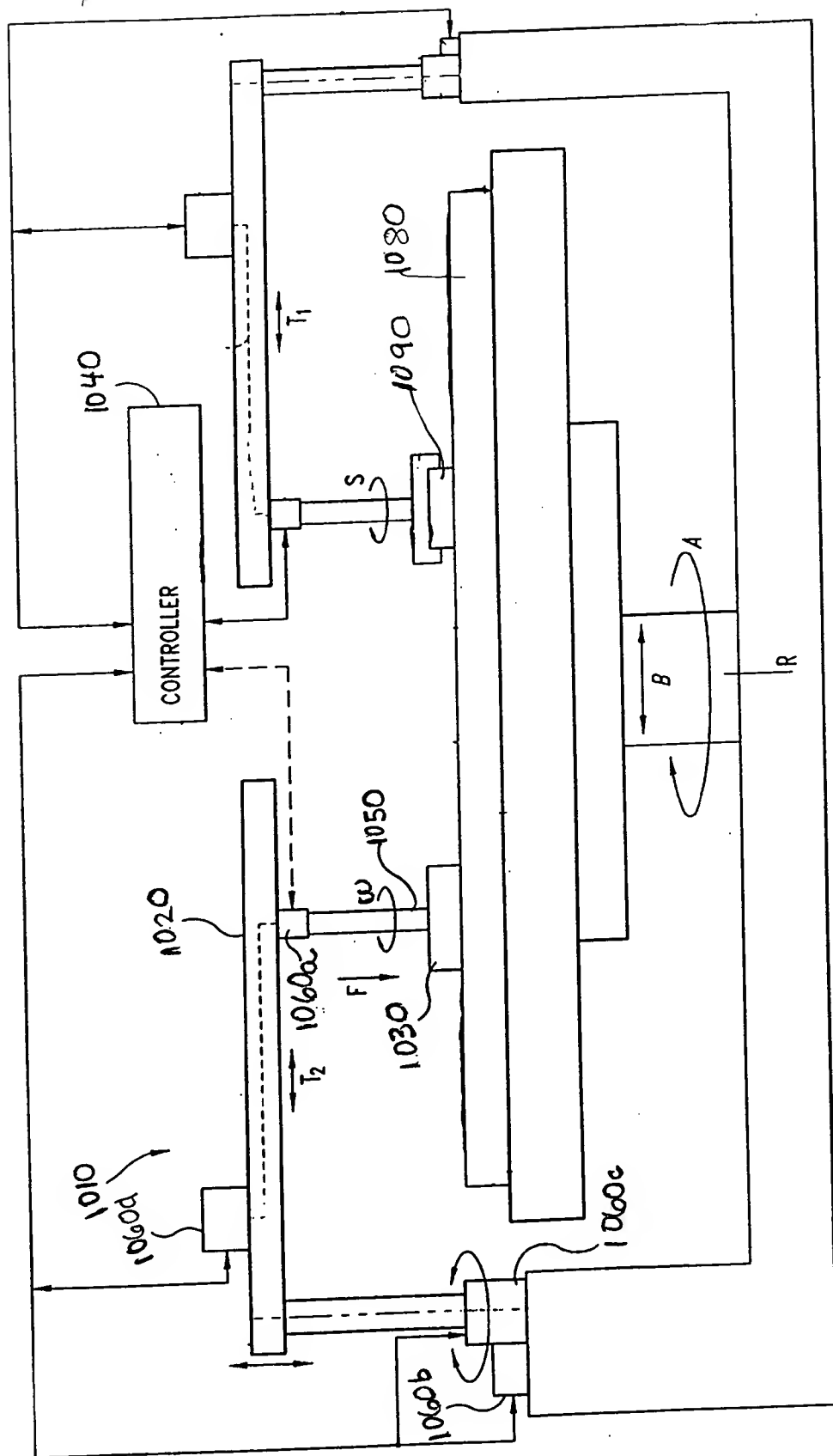


Figure 9



1000 Fig. 10

20080372.43004

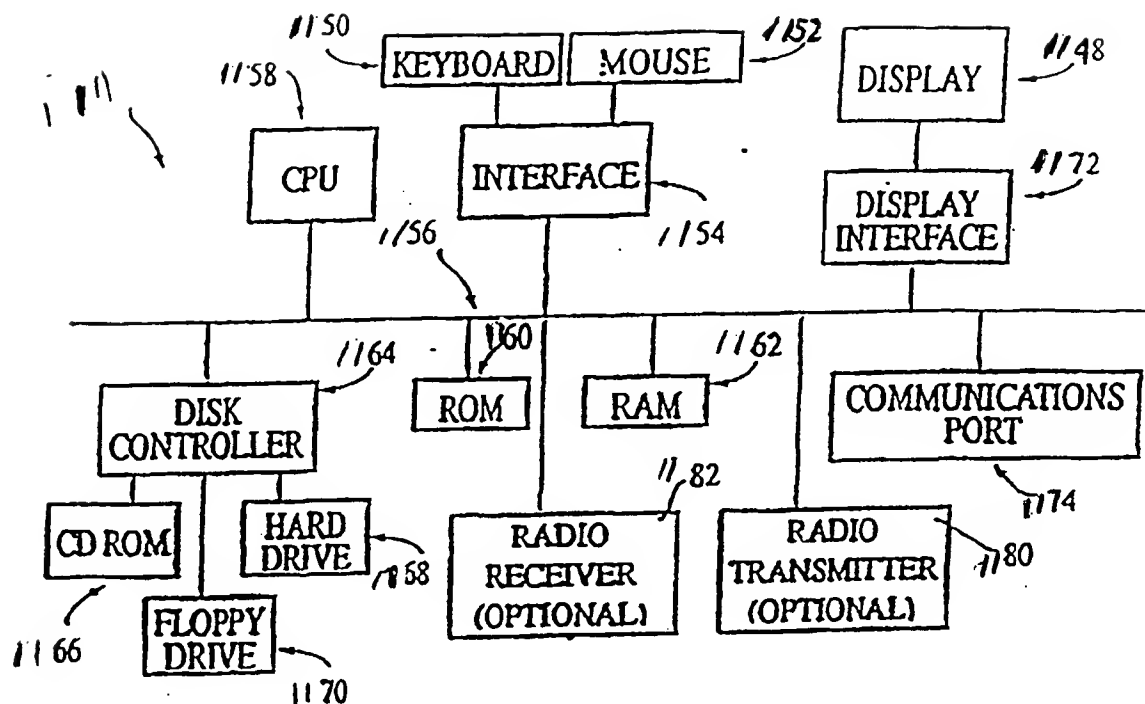


FIG. 11

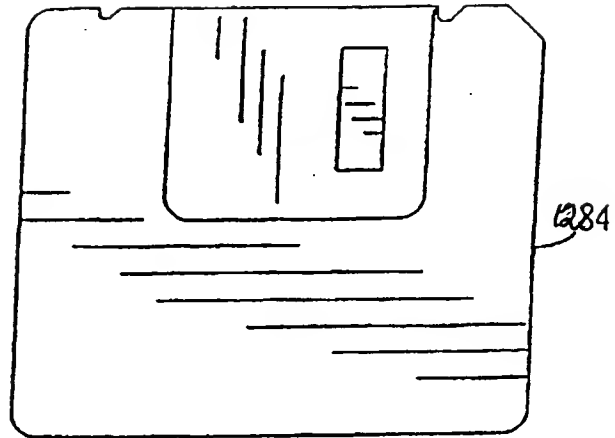


FIG. 12